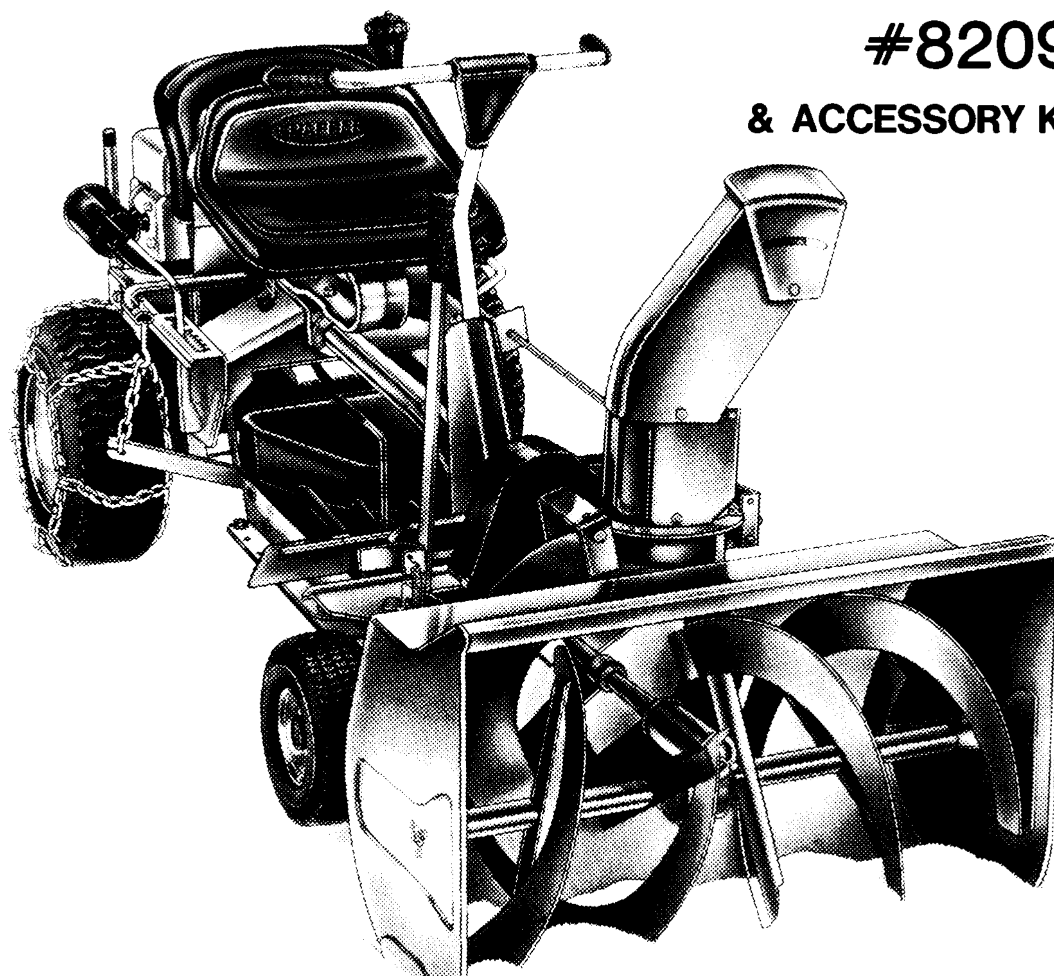
Parts Manual
for

SNAPPER® RIDER

SNOW THROWER ATTACHMENT

#82099

& ACCESSORY KITS



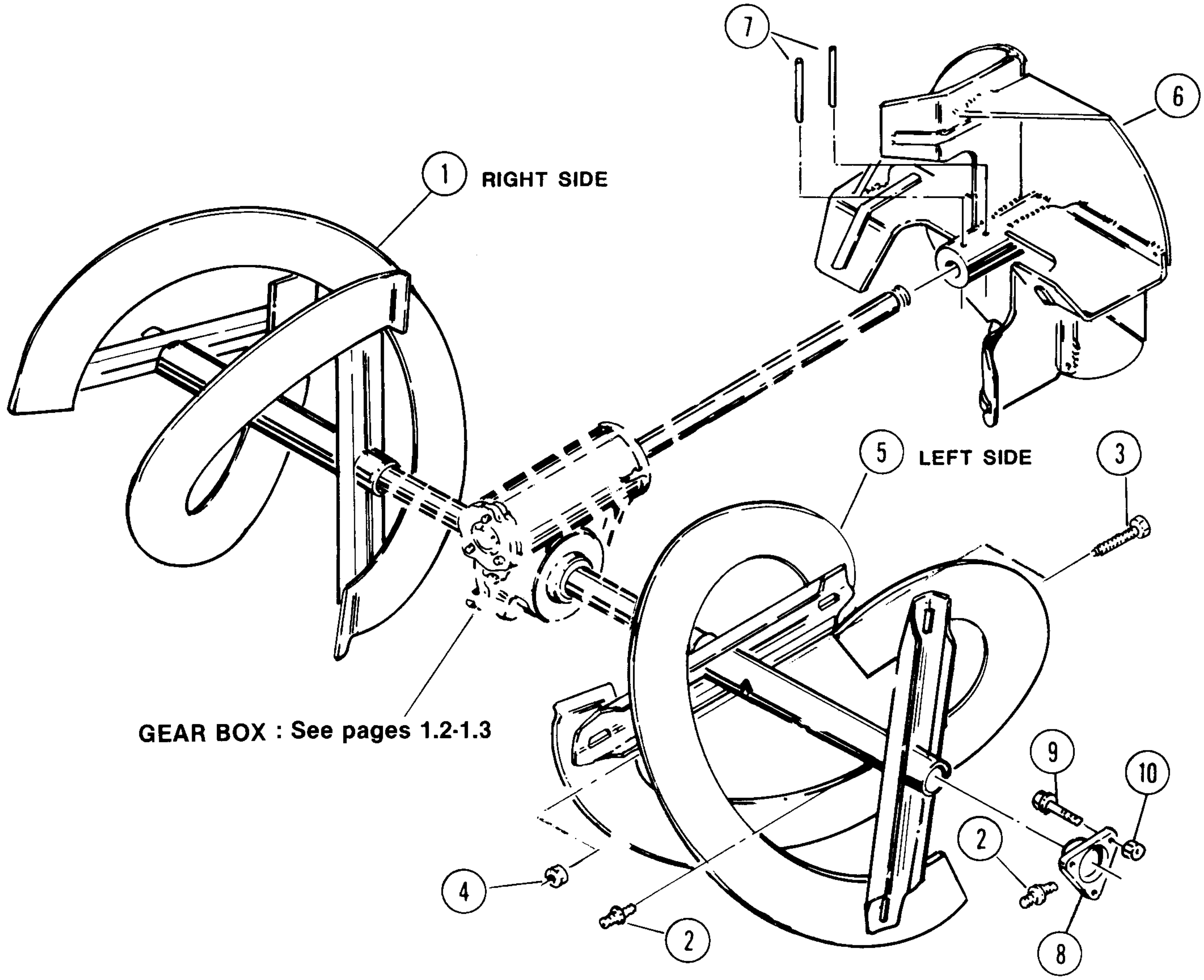
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McDonough, GA • 30253
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Manual 06012 (1-4257) Rev. 1, 11/10/00

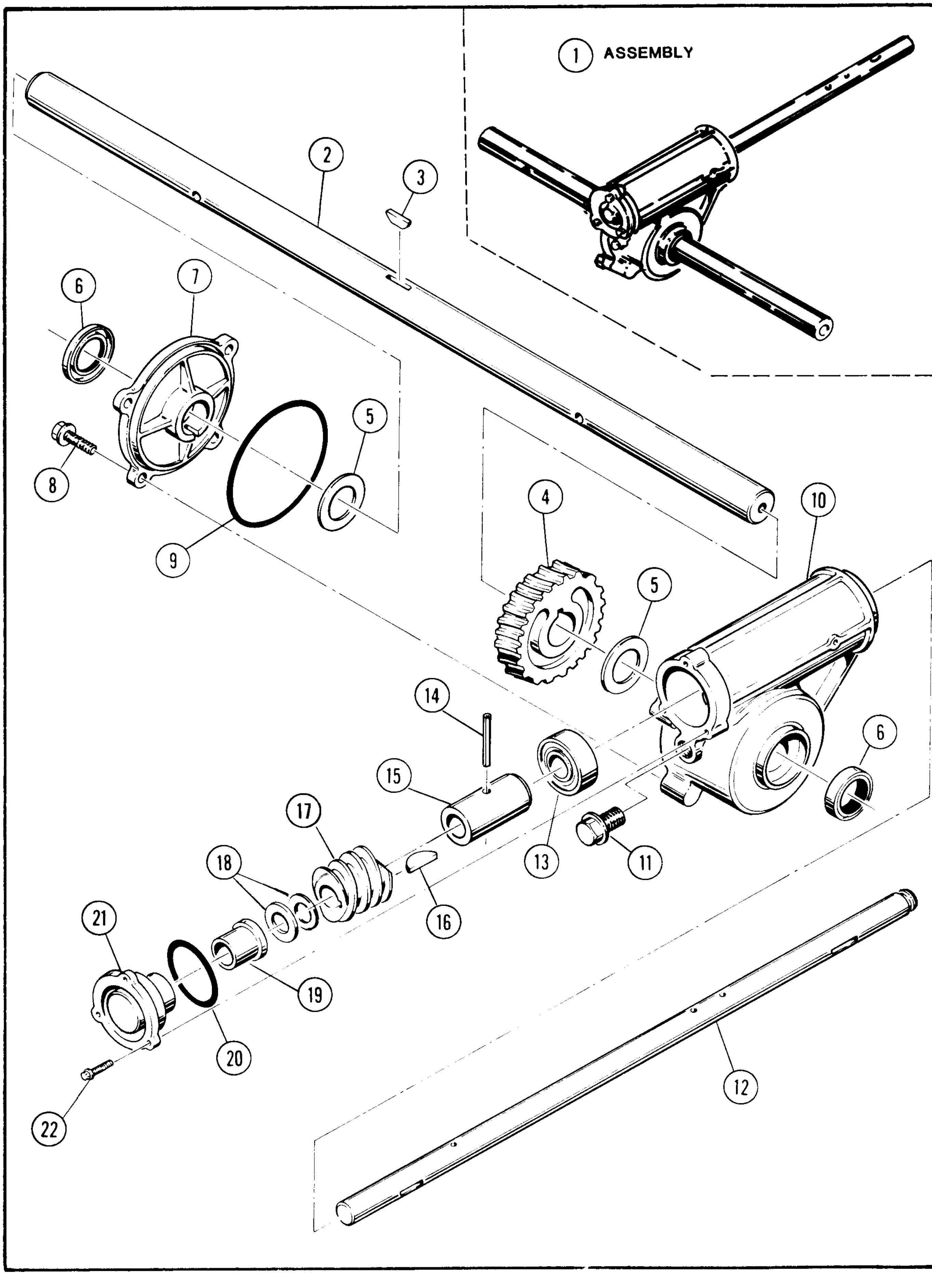
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INDEX - MAIN CONPONENTS

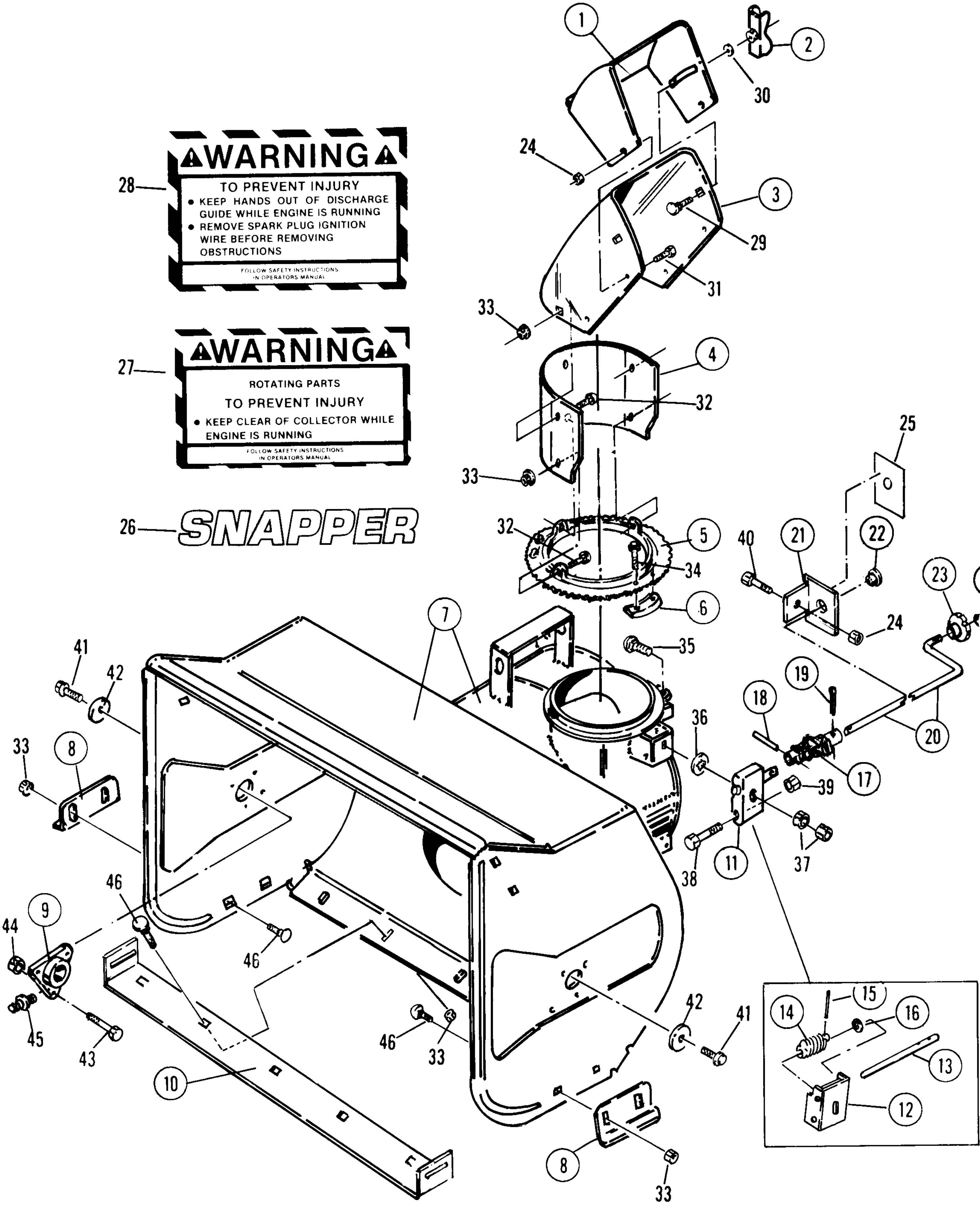


ITEM	PART NO.	DESCRIPTION	QTY
1	4-9922	AUGER, Right Side	1
2	1-3864	FITTING, Grease	4
3	1-3865	SHEAR-Bolt	2
4	1-2625	LOCKNUT, Hex Flange	2
5	4-9921	AUGER, Left Side	1
6	4-9677	FAN, Impeller	1
7	1-3862	ROLL-PIN	2
8	1-8452	BEARING, Auger Shaft	2
9	9-0596	BOLT, 1/4cx5/8 Hex Flange Lock	6
10	9-0583	NUT, 1/4-20 Hex Flange Lock	6

GEARBOX, SHAFTS



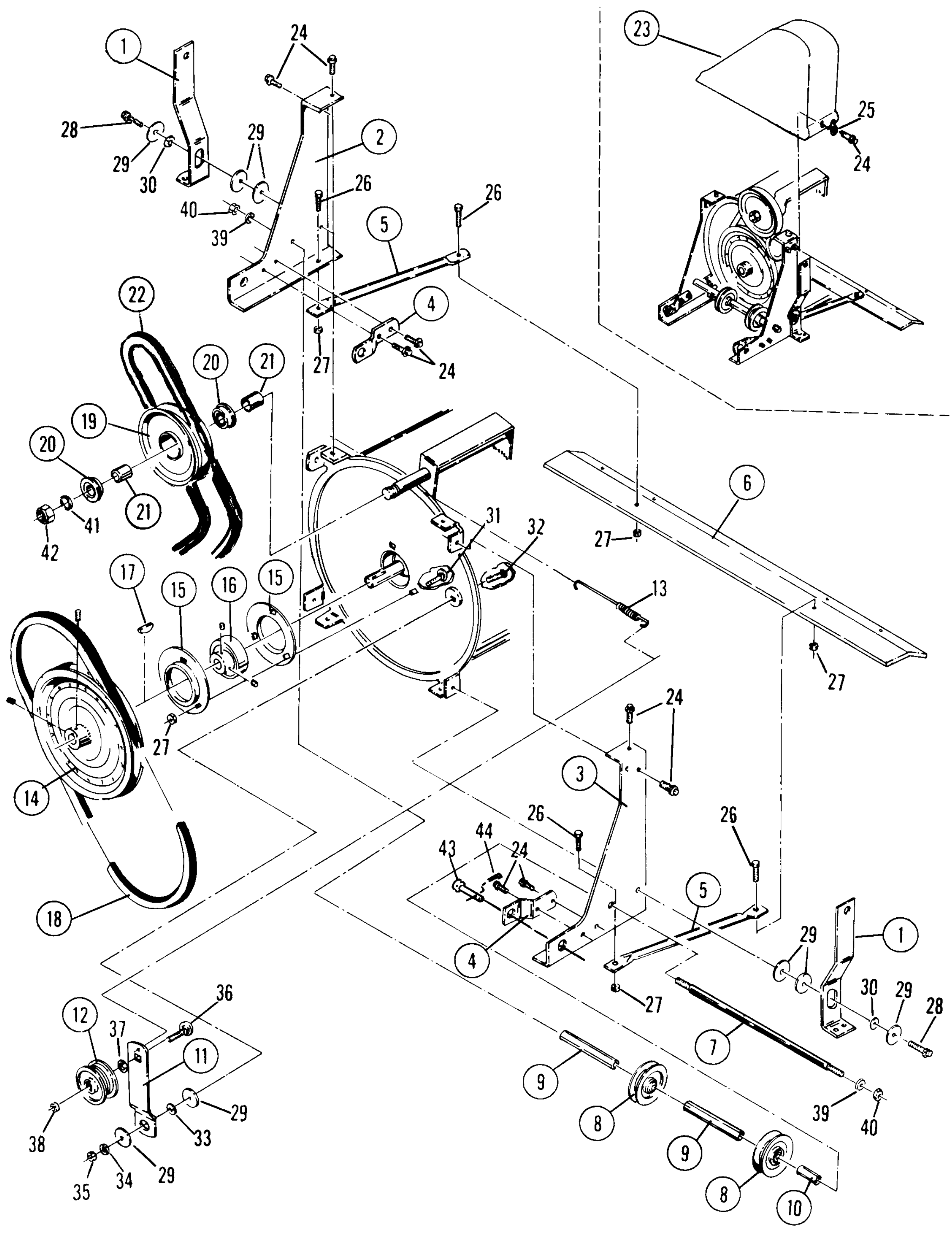
ITEM	PART NO.	DESCRIPTION	QTY
1	5-7296	ASSEMBLY, Gear Case (includes following item)	1
2	2-9552	SHAFT, Auger	1
3	1-3857	KEY, Woodruff	1
4	5-1305	GEAR, Worm	1
5	1-3855	WASHER, Thrust	2
6	1-3858	SEAL, Oil	2
7	1-8451	COVER, Gear Case	1
8	9-0290	SCREW, 1/4-20x3/4 Self Tap	4
9	1-3854	O-RING (Case Cover)	1
10	1-9674	CASE, Gear	1
11	9-0506	PLUG, Check (3/8x1/2 Self Tap Screw)	1
12	2-7619	SHAFT, Impeller Fan	1
13	1-3313	BEARING, Ball	1
14	1-3862	ROLL-PIN, 1/4x1-1½	1
15	1-3856	SPACER	1
16	1-3861	KEY, Woodruff	1
17	2-7606	GEAR, Rolled Worm	1
18	1-0935	WASHER (Spacers)	2
19	1-2252	BUSHING	1
20	1-3853	O-RING (End Cap)	1
21	1-8450	CAP, End	1
22	9-0363	SCREW, 10-24x5/8 Self Tap	3



PARTS on REAR SIDE of BLOWER SHOWN ON PAGE 1.6

ITEM	PART NO.	DESCRIPTION	QTY
1	3-7966	DEFLECTOR	1
2	5-0615	WING-NUT	1
3	3-9969	CHUTE	1
4	3-6011	EXTENSION, Chute	1
5	4-7801	RING, Chute	1
6	1-1938	RETAINER, Chute Ring	3
7	4-9923	HOUSING,Blower	1
8	3-7982	SHOE, Skid	2
9	1-8452	BEARING, Auger Shaft	2
10	3-6006	BLADE, Scraper	1
11	5-1331	ASSEMBLY, Worm Bracket(includes Items 12 thru 18)	1
12	3-7963	BRACKET, Worm	1
13	2-1852	SHAFT, Worm	1
14	2-1828	WORM	1
15	1-4001	ROLL-PIN, 1/8x3/4	1
16	1-1079	WASHER, Spring Steel	1
17	1-4230	UNIVERSAL JOINT	1
18	1-3877	ROLL-PIN, 1/8x1	1
19	9-0041	COTTER-PIN, 1/8x1	1
20	1-4209	CRANK, Chute	1
21	3-2208	BRACKET,Chute Crank	1
22	1-2117	BUSHING, Crank	1
23	1-3901	KNOB, Chute Crank	1
24	9-0184	LOCK NUT, 5/16C	3
25	1-4212	DECAL, Chute Control	1
26	1-8507	DECAL, SNAPPER	1
27	1-3930	DECAL, Collector Warning	1
28	1-3929	DECAL, Deflector Warning	1
29	9-0074	BOLT, ¼Cx¾ Carriage	2
30	9-0055	WASHER, ¼ SAE Flat	1
31	9-0203	SCREW , 5/16Cx1/2, Hex Head Cap	2
32	9-0731	BOLT, 5/16-18x1/2 Gr.5 Carriage	3
33	1-2625	NUT, 5/16-18 Flange	13
34	9-0363	SCREW, 10Cx1/2 Hex Hd Self Tap.	6
35	9-0208	BOLT, 5/16Cx1 Carriage	1
36	1-1791	RETAINER, Bolt	1
37	9-0196	NUT, 5/16C Hex	2
38	9-0246	SCREW, 5/16-24x2-1/2 Hex Head Cap	1
39	9-0222	LOCK NUT, 5/16-24 Hex	2
40	9-0204	SCREW, 5/16-18x5/8 Hex Head Cap	1
41	9-0506	SCREW, 3/8Cx1/2 Self Tap.	2
42	1-3866	WASHER	2
43	9-0596	BOLT,1/4Cx5/8 Hex Flange Lock	6
44	9-0771	NUT, 1/4C Hex Flange	6
45	1-3864	FITTING, Grease	2
46	9-0001	BOLT, 5/16-18x3/4 Carriage	9

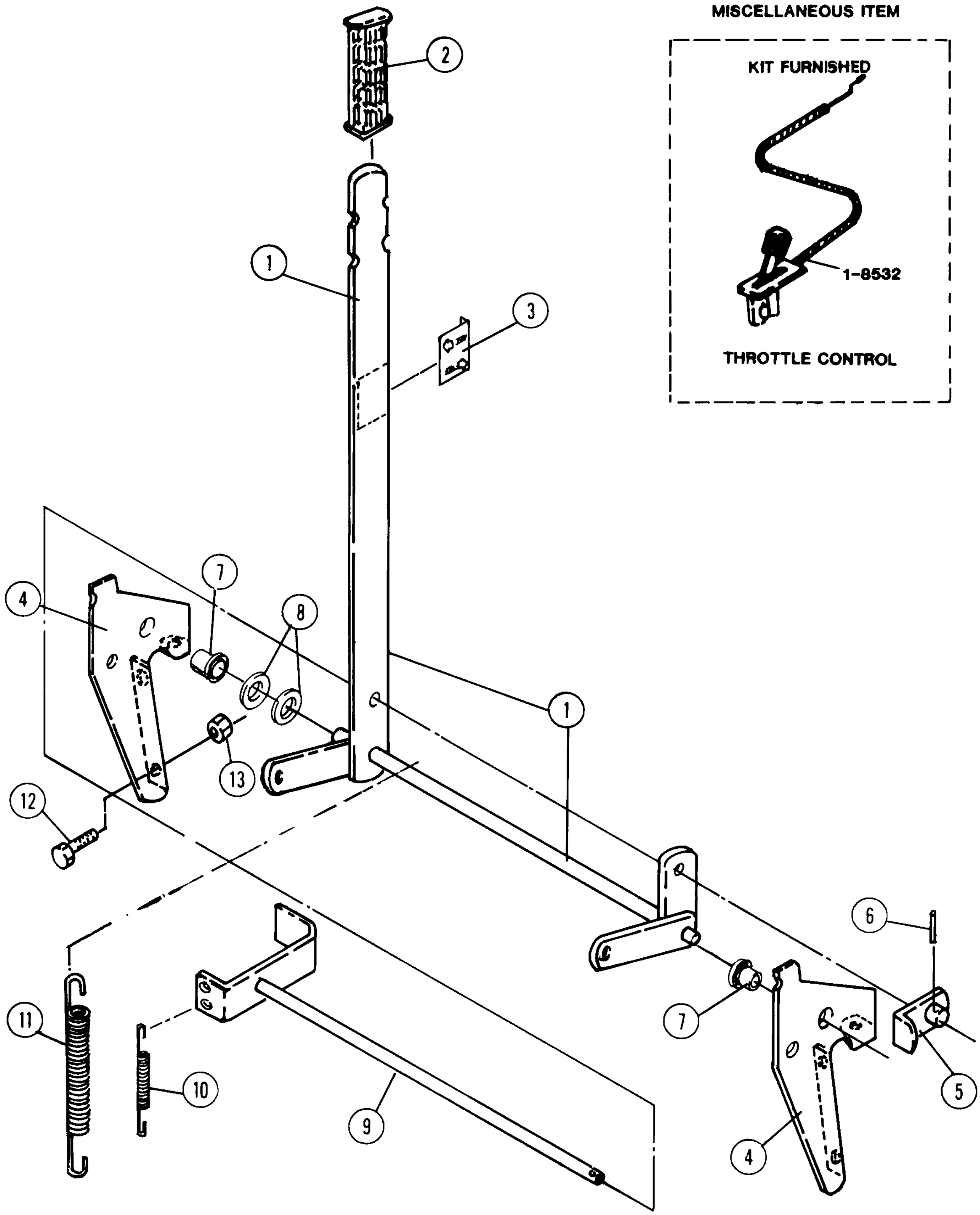
BLOWER (REAR VIEW) & BELTS



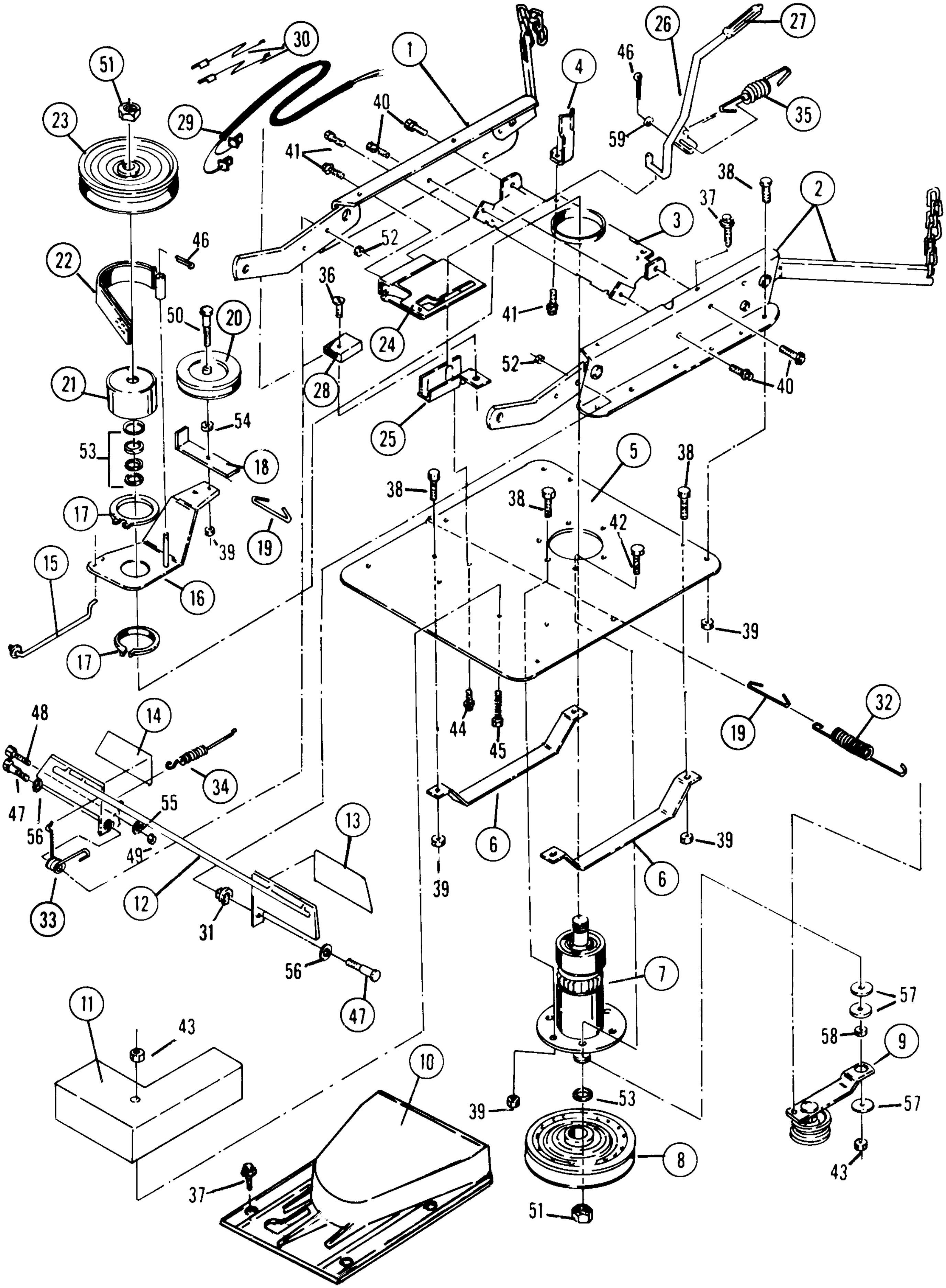
BLOWER (REAR VIEW) & BELTS

ITEM	PART NO.	DESCRIPTION	QTY
1	3-8011	LINK, Lift	2
2	3-6409	BRACKET, Left Side Mounting	1
3	3-6008	BRACKET, Right Side Mounting	1
4	3-2195	BRACKET, Lower Mounting	2
5	3-8008	BRACE	2
6	3-8009	BAR, Stiffener	1
7	2-7622	ROD, Idler	1
8	1-4208	IDLER, Belt	2
9	2-1854	SPACER,(Long)	2
10	2-1855	SPACER,(Short)	1
11	3-2192	ARM, Idler	1
12	1-3850	IDLER	1
13	1-4211	SPRING, Idler	1
14	1-3867	PULLEY, 8 INCH (Includes 2 Setscrews)	1
15	1-3931	HOUSING, Bearing	2
16	1-3924	BEARING (Includes 2 Setscrews)	1
17	1-3861	KEY, Woodruff	1
18	1-3939	BELT, Blower (short) 36.5"	1
19	1-8516	SHEAVE, Reduction	1
20	1-0756	BEARING	2
21	2-1849	SPACER, Bearing	2
22 a	1-4225	BELT, Carrier to Blower (Long) 100"	1
22 b	1-4240	BELT, Carrier to Blower (for 33" model only)(Long) 103.25"	1
23	1-9707	COVER,Belt Guard	1
24	9-0361	SCREW, 5/16-18x5/8 Self tap	10
25	9-0188	WASHER, 3/8 SAE (Flat)	2
26	9-0606	BOLT, 5/16-18x5/8 Flange Lock	4
27	1-2625	LOCKNUT, 5/16 Hex Flange	7
28	9-0369	SCREW, 5/16-18x1 Self tap	2
29	1-3848	WASHER	7
30	1-4206	SPACER	1
31	9-0001	BOLT, 5/16Cx3/4 S.N. Carriage	3
32	9-0383	BOLT, 5/16-18x1 S.N. Carriage	1
33	1-3849	SPACER	1
34	9-0187	LOCKWASHER, 5/16 Split	1
35	9-0196	NUT, 5/16-18	1
36	9-0791	BOLT, 3/8-16x1-1/2 S.N. Carriage	1
37	9-0500	WASHER, 7/16 SAE	1
38	9-0499	LOCKNUT, 3/8-16 Hex	1
39	9-0118	LOCKWASHER, 3/8 Split	1
40	9-0130	NUT, 3/8-16	1
41	1-0690	WASHER	1
42	9-0356	LOCKNUT, 5/8-18 Jam	1
43	1-4243	PIN, Clevis	2
44	1-1714	HAIR-PIN	2

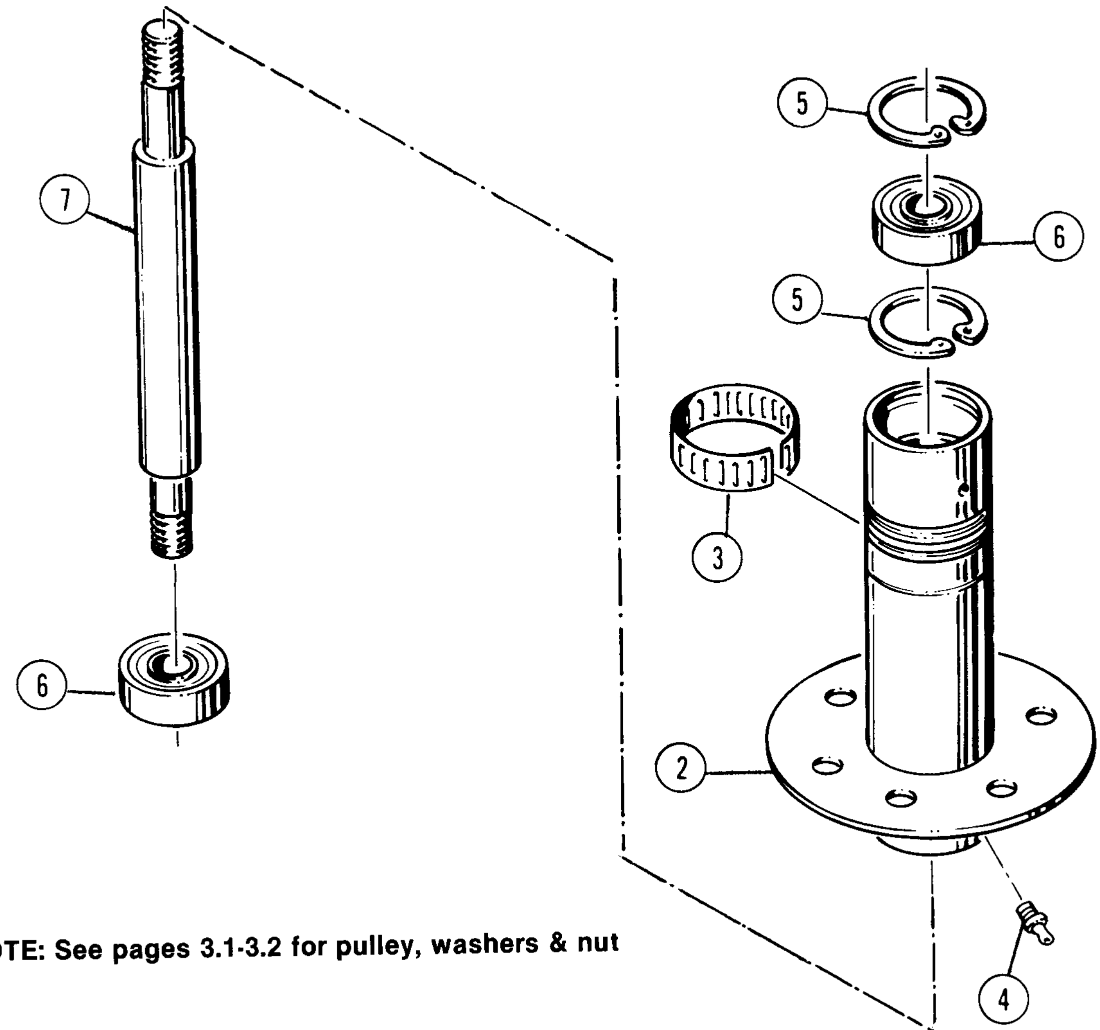
LIFT COMPONENTS



ITEM	PART NO.	DESCRIPTION	QTY
1	4-7798	LIFT HANDLE (Arm Structure)	1
2	1-1870	GRIP	1
3	1-4226	DECAL, Lift Handle	1
4	3-6023	BRACKET, Lift Mounting	2
5	4-0478	LATCH (Structure)	1
6	1-4217	ROLL-PIN	1
7	1-0694	BUSHING	2
8	9-0183	WASHER	2
9	4-0477	SHAFT, Lift (Structure)	1
10	1-3919	SPRING, Latch	1
11	1-4210	SPRING, Lift Assist	2
12	9-0204	SCREW, 5/16-18 x 5/8 Hex Head Cap	6
13	9-0184	LOCKNUT, 5/16-18	6


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ITEM	PART NO.	DESCRIPTION	QTY
1	5-9609	RAIL ASSEMBLY, Right Side	1
2	5-9610	RAIL ASSEMBLY, Left Side	1
3	3-1838	BRACE, Rail Top	1
4	3-1855	GUIDE, Belt	1
5	3-6010	PLATE, Spindle Mounting	1
6	3-8017	RUNNER	2
7	5-7295	SPINDLE ASSEMBLY(Refer to Page 3. 3 for parts)	1
8	1-3867	PULLEY, 8 INCH (Blower Belt)	1
9	5-1332	IDLER ARM ASSEMBLY (Lower Arm)	1
10	1-9952	COVER, SPINDLE (Includes Decals except 1-4232)	1
11	1-8531	WEIGHT, Carrier	1
12	4-7788	PEDAL, Blade/Auger	1
13	1-4170	TREAD, Blade Stop-Left Side	1
14	1-4169	TREAD,Blade Stop-Right Side	1
15	1-2055	ROD, Idler	1
16	4-7716	ARM, Idler	1
17	1-0740	RING, Retaining	2
18	3-2111	RESTRICTOR, Belt	1
19	1-4219	LINK, Wire	2
20	1-1029	PULLEY, Idler	1
21	3-0817	DRUM, Brake	1
22	5-0627	BAND, Brake	1
23	1-0787	PULLEY, Engine Drive Belt	1
24	5-1310	CLUTCH-PLATE ASSEMBLY	1
25	3-8021	MOUNT, Blade Handle	1
26	4-0472	HANDLE, Blade	1
27	1-0681	GRIP, Handle	1
28	1-8524	SWITCH, Interlock	1
29	1-8525	HARNESS, Wiring	1
30	1-4233	CONNECTOR-LEADS	2
31	1-1016	BEARING, Nylon	1
32	1-4211	SPRING (Blower Belt Tensioning)	1
33	1-4166	SPRING (Blade Pedal Latch)	1
34	1-4167	SPRING (Blade Pedal Return)	1
35	1-4168	SPRING (Blade Handle)	1
36	9-0299	SCREW, 10-32x1 Self Tap	1
37	9-0723	SCREW, ¼-20x½ Self Tap	4
38	9-0292	SCREW, 3/8-24x3/4 Hex Head Cap	13
39	9-0289	LOCKNUT, 3/8-24 Hex	14
40	9-0324	SCREW, 3/8-16x1 Self Tap	4
41	9-0361	SCREW, 5/16-18x5/8 Self Tap	3
42	9-0240	SCREW, 5/16Fx1-¼ Hex Head Cap	1
43	9-0222	LOCKNUT, 5/16-24 Hex	2
44	9-0362	SCREW, ¼-20x5/8 Self Tap	2
45	9-0454	SCREW, 5/16-24x3-3/4 Hex Head Cap	1
46	9-0037	COTTER-PIN, 3/32x3/4	2
47	1-4158	BOLT, 3/8-24x1-3/4 Shoulder	2
48	9-0535	SCREW, 1/4-28x1 Hex Head Cap	1
49	9-0095	NUT, 1/4-28 Hex	1
50	9-0161	SCREW, 3/8-24x1-3/4 Hex Head Cap	1
51	1-0027	JAM NUT, 3/4-16	2
52	9-0155	NUT, 3/8-24 Hex	2
53	1-0935	WASHER, Spacer	5
54	9-0122	WASHER, 3/8 SAE	1
55	9-0053	LOCKWASHER, 1/4 Internal Tooth	1
56	9-0250	WASHER, 1/2 SAE	2
57	1-3848	WASHER, 1-1/4 OD	3
58	1-3849	SPACER	1
59	9-0055	WASHER, 1/4 SAE	1



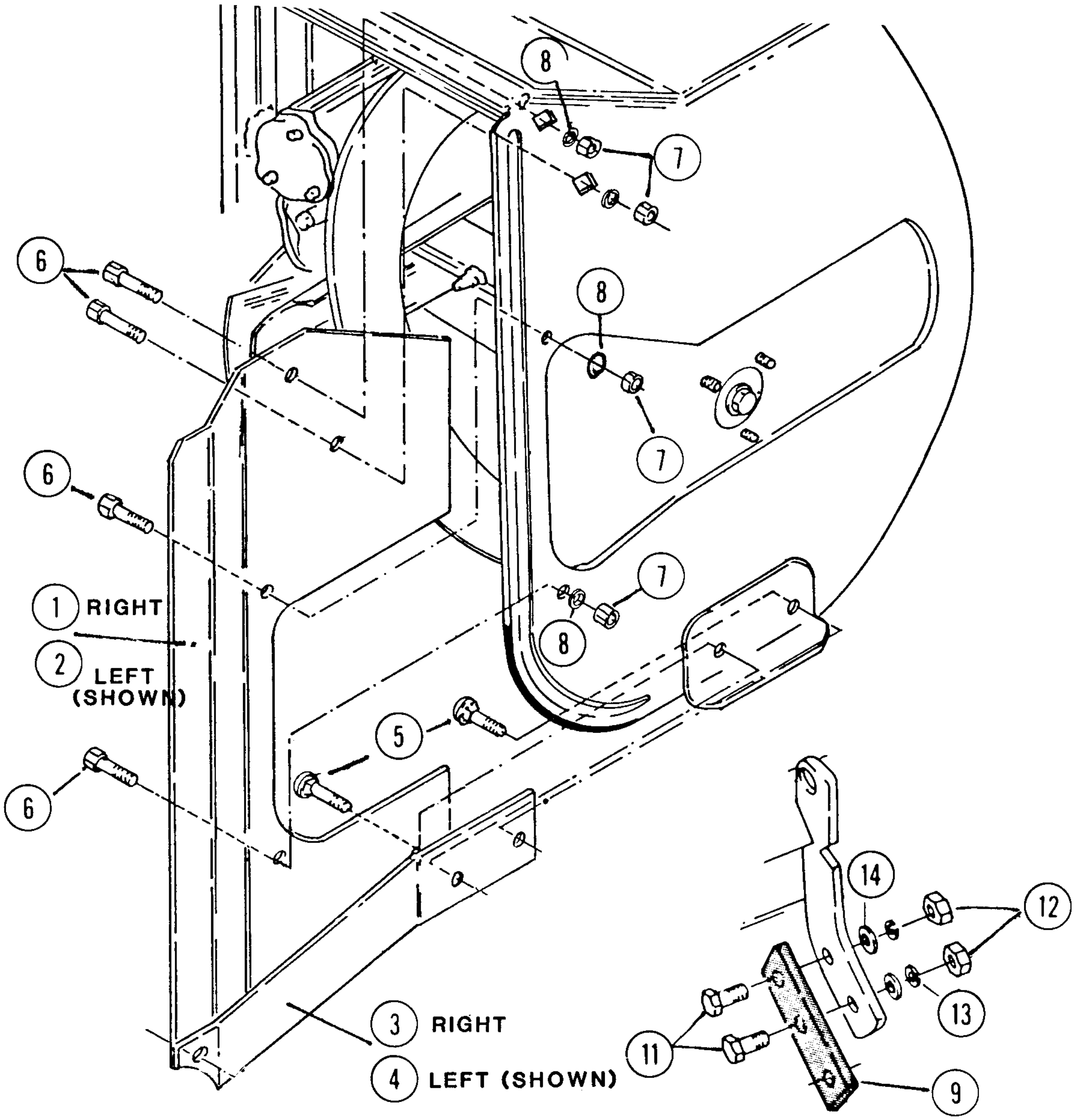
NOTE: See pages 3.1-3.2 for pulley, washers & nut

(1) SPINDLE ASSEMBLY

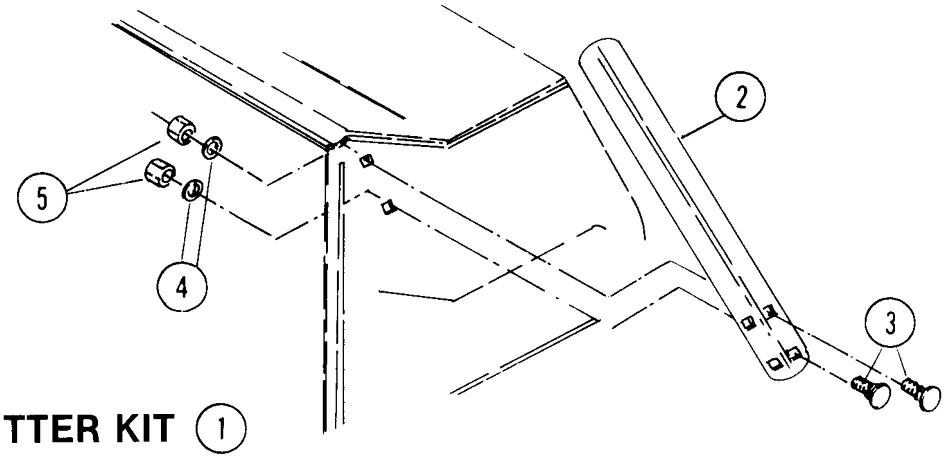
ITEM	PART NO.	DESCRIPTION	QTY
1	5-7295	ASSEMBLY, Spindle (includes following items)	1
2	4-9694	HOUSING, Spindle	1
3	1-2670	RING, Tolerance	1
4	1-0817	FITTING, Grease	1
5	1-2491	RING, Retaining	2
6	1-3313	BEARING, Ball	1
7	2-7620	SPINDLE	1

EXTENDER KIT 6-0514

REQUIRED for 33" & 42" RIDERS



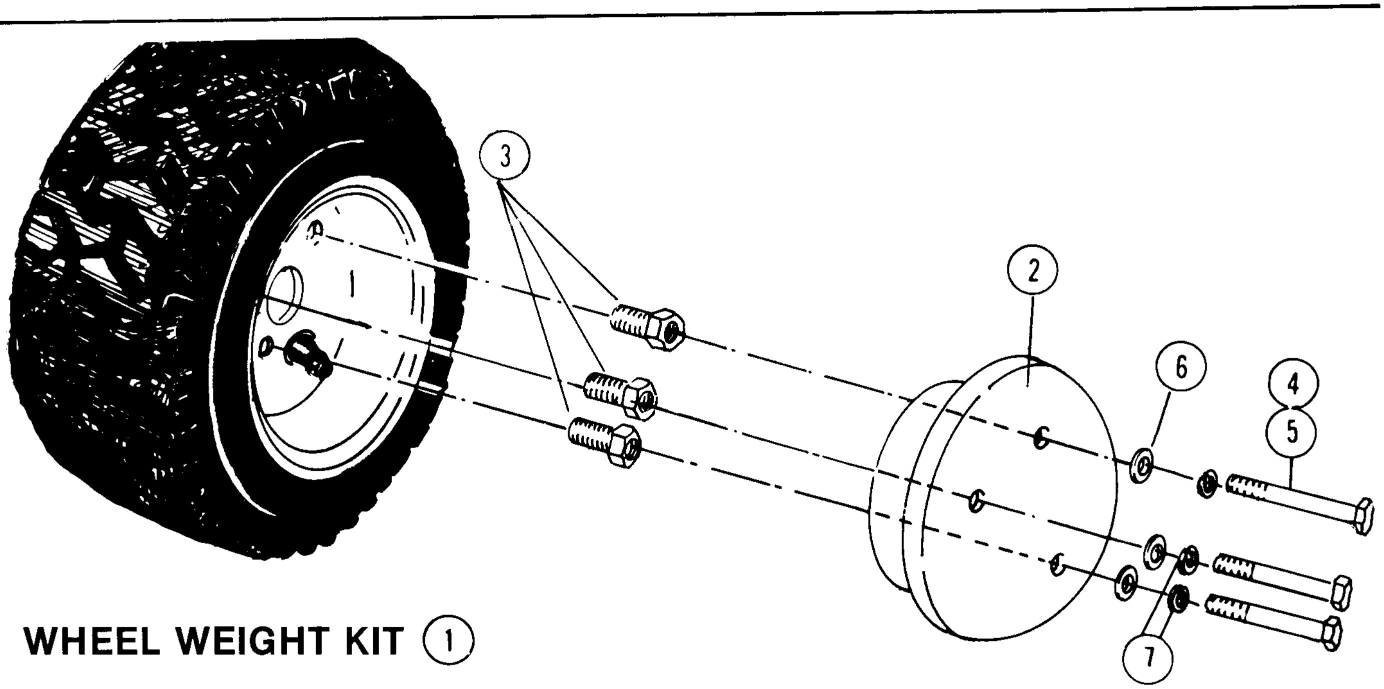
ITEM	PART NO.	DESCRIPTION	QTY.
1	3-9999	EXTENDER, Right Side	1
2	3-5000	EXTENDER, Left Side	1
3	3-8022	BRACE, Right Side	1
4	3-8023	BRACE, Left Side	1
5	9-0208	BOLT, 5/16 x 1 "Carriage	4
6	9-0206	CAPSCREW, 5/16 x 3/4 Hex Hd.	8
7	9-0196	NUT, 5/16-18 Hex	10
8	9-0187	LOCKWASHER, 5/16 SPLIT	10
9	3-2212	EXTENDER, Support	2
10	1-4240	BELT, (Not Shown for 33")	1
11	9-0536	BOLT, 5/16 x 1-¼	4
12	9-0537	NUT, 5/8-11 Hex	4
13	9-0333	LOCKWASHER, 5/8 Split	4
14	9-0183	WASHER, 5/8 Flat	4
	1-4239	INSTRUCTION, Installation (Not Shown)	1



DRIFT CUTTER KIT (1)

ITEM	PART NO.	DESCRIPTION	QTY
1	6-0472	KIT, Drift Cutter (includes following	1
2	3-7971	CUTTER, DRIFT	1
3	9-0001	BOLT, 5/16Cx3/4 Carriage	2
4	9-0187	LOCKWASHER, 5/16 Split	2
5	9-0196	NUT, 5/16 Hex	2

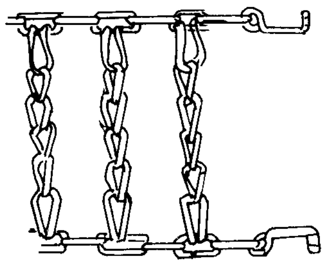
NOTE: ITEMS 3,4,5, part of 6-0502 Hardware Bag



WHEEL WEIGHT KIT (1)

ITEM	PART NO.	DESCRIPTION	QTY
1	6-0517	KIT, Wheel Weight (includes following)	1
2	1-9709	WEIGHT, Wheel	2
3	2-1858	STUD	6
4	9-0591	CAPSCREW, 3/8" C x 4-½ LONG	6
5	9-0810	CAPSCREW, 3/8" C x 3-¼ LONG	6
6	9-0122	WASHER, 3/8 SAE	12
7	9-0118	LOCKWASHER, 3/8 SPLIT	6
8	1-4242	INSTRUCTION, Installation(not shown)	1

TIRE CHAIN KITS



KIT 6-0049 *for narrow (4.8 x 4-8) tires.

KIT 6-0357 *for wide (16 x 6.5-8) tires.

(Each kit includes two chains)

*Kit 6-0358 may also be used but 6-0049 recommended for snow

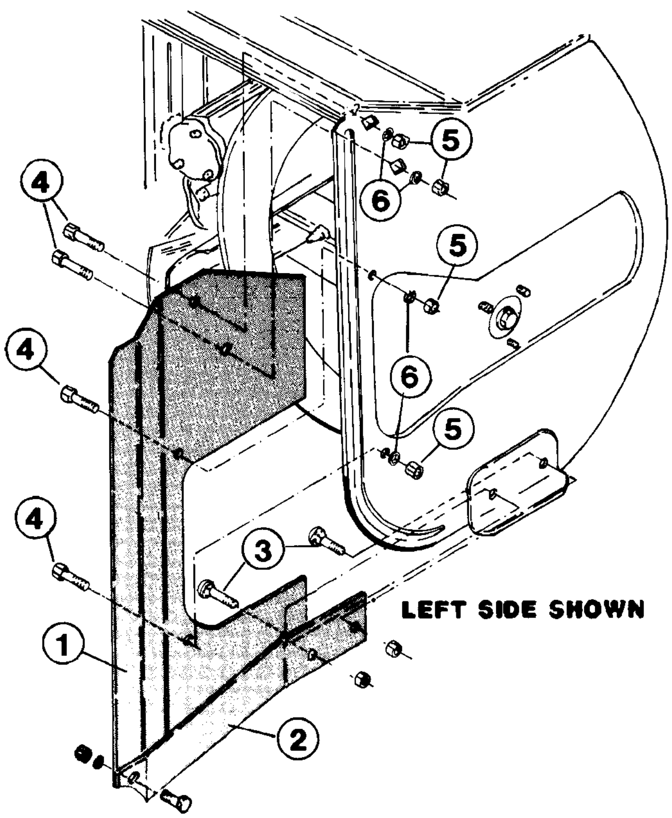


FIGURE -1 WIDTH EXTENDER COMPONENTS

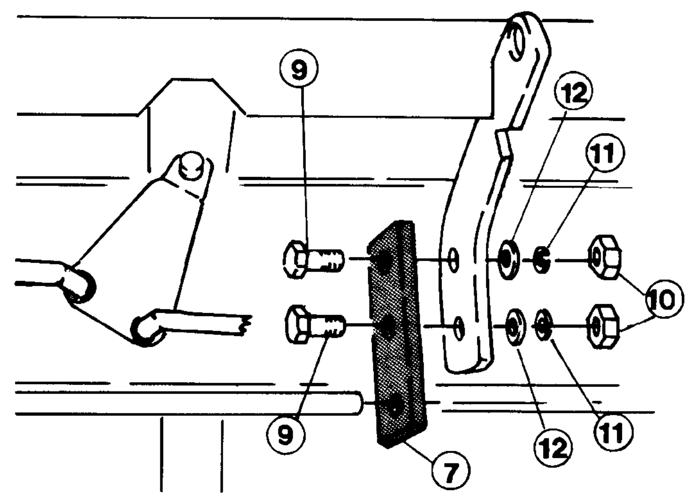


FIGURE -2 SUPPORT EXTENDER FOR 33"

60514 KIT PARTS LISTING

ITEM	PART NO.	DESCRIPTION	QTY.
1	3-9999	EXTENDER, RIGHT SIDE	1
-	3-5000	EXTENDER, LEFT SIDE	1
2	3-8022	BRACE, RIGHT SIDE	1
-	3-8023	BRACE, LEFT SIDE	1
3	9-0208	CARRIAGE BOLT, 5/16 x 1"	4
4	9-0206	CAPSCREW, 5/16 x 3/4 HEX HD.	8
5	9-0196	NUT, 5/16-18 HEX	10
6	9-0187	LOCKWASHER, 5/16 SPLIT	10
* 7	3-2212	EXTENDER, SUPPORT	2
* 8	1-4240	BELT (NOT SHOWN - FOR 33")	1
* 9	9-0536	BOLT, 5/8 x 1-1/4	4
*10	9-0537	NUT, 5/8-11 HEX	4
*11	9-0333	LOCKWASHER, 5/8 SPLIT	4
*12	9-0183	WASHER, 5/8 FLAT	4

PARTS MANUAL for

SNAPPER®

RIDER SNOW THROWER
ATTACHMENT #82099
& ACCESSORIES

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